

MICROBIOLOGY AND PATHOLOGY

Time: 3 hrs

Max marks: 80

- Answer all questions
- Write section A and section B in separate answer books(32 Pages). Do not mix up questions from section A and section B.

Q P Code: 205013 Section A – Microbiology

Marks: 40

Essay: (15)

1. Define sterilization. Classify different sterilization methods. Discuss in detail autoclave

Short notes: (2x5=10)

2. Type I hypersensitivity
3. Ocular filariasis

Answer briefly: (6x2=12)

4. Immunoglobulin A
5. Fungal staining
6. Antifungals used in eye
7. Corynebacterium diphtheria
8. Herpes keratitis
9. Specimen collection for corneal ulcer

One word answer: (3x1=3)

10. Name one enriched media
11. Two gram positive cocci
12. Name one sporicidal disinfectant

Q P Code: 206013 Section B – Pathology

Marks: 40

Essay: (15)

1. Define inflammation and list its cardinal signs. Describe in detail the events in acute inflammation.

Short notes: (3x5=15)

2. Types of necrosis
3. Thrombosis
4. Primary tuberculosis

Answer briefly: (4x2=8)

5. Enumerate four viral diseases of human being
6. Thrombocytopaenia
7. Metaplasia
8. Collection of urine

One word answer: (2x1=2)

9. Ingredients of Leishman stain
10. Two clearing agents